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EG&G ROCKY FLATS INC

ROCKY FLATS PLANT PO BOX 464 GOLDEN (DOLOR RED) \$5402 0464 (303) 966 7000

October 31 1994

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Norma I Castaneda Environmental Restoration Division DOE/RFFO

FOLLOW UP ON THE SOLIDIFICATION/STABILIZATION PRESENTATION MADE TO THE REGULATORY AGENCIES WSB 120 94

Action None

This letter serves to follow up on the Solidification/Stabilization presentation made to the Regulatory Agencies on October 24 at the Treatability Studies monthly status meeting. In this meeting it was understood that EG&G Rocky Flats Inc. the Department of Energy/Rocky Flats Field Office (DOE/RFFO) and the Environmental Protection Agency (EPA) have reached a verbal agreement to allow the substitution of a Cementation Summary Test Plan (Attachment 1) for the previously agreed to Solidification/Stabilization Work Plan This Summary Test Plan will satisfy the requirements of the November 12 1994 Solidification/Stabilization deliverable to Colorado Department of Public Health and Environment (CDPHE) and EPA

As conveyed in the meeting cementation test work cannot commence until the proposed waste matrixes have been approved by DOE/RFFO and the Regulatory Agencies Therefore EG&G would like to propose that Cementation Test Work be carried out on the following two soil types

A sample of soils residue from the AWC Lockheed TRUclean Treatability Study previously conducted for Rocky Flats Environmental Technology Site (RFETS) The origin of this soil sample is from Operable Unit No 2 (OU 2) just East of the 903 Pad area in Individual Hazardous Substance Site (IHSS) 155 The sample for the cementation study will be taken from one of the TRUclean separation processes (i.e. Classifier Underflow) and will have Plutonium/Americium and heavy metals as the primary contaminants of concern

A sample of Incinerator Ash contaminated soils obtained from OU 5 Ash Pits IHSSs 133 1 133 4 This soil/ash matrix has been found to contain depleted Uranium and could contain heavy metals

These samples will be subjected to cementation testing as outlined in the Summary Test Plan for Cement Encapsulation of Contaminated Soils October 1994 Testing to meet Resource Conservation and Recovery Act (RCRA) Land Disposal Restrictions will include the Toxicity Characteristic Leaching Procedure (TCLP) Freeze/Thaw weather cycling and

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other quantitative and qualitative testing to formulate the waste loading EG&G requests that the above defined soils information be forwarded to the appropriate Treatability Study leads at CDPHE and EPA. Upon approval of these soils and written direction to proceed with Solidification testing. EG&G will arrange for the Waste Projects Group to begin test work. Comments to the Summary Test Plan and the recommended soil types are requested by November 14. 1994. Please direct questions and comments to Scott Hollowell at extension 8748.

Manager OU 2 Closure

Environmental Restoration Program Division

EG&G Rocky Flats Inc

SH pap

Attachment As Stated

cc E A Dille

DOE/Aguirre

S R Grace

DOE/RFFO

M J Harris

NFT Inc